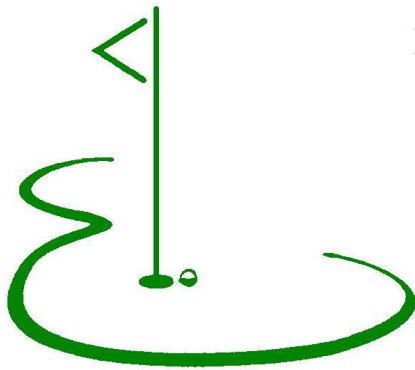




BROOKSIDE LABORATORIES, INC.
GEOTECHNICAL DIVISION
200 WHITE MOUNTAIN DRIVE
NEW BREMEN, OH 45869

**** PHYSICAL ANALYSIS REPORT ****

Freestone Club
Fairfield, TX

File Number: 91984

Date Received/Started : 11/27/2024
Date Completed/Reported: 12/3/2024
Date Issued: 12/3/2024

Submitted By: Soil and Water Consulting

Lab Number
Sample Description

0001
BOTTOM
ASH

Sample Condition

XX Normal ___ Other (see comments)

Method References

ASTM F1632
ASTM F1647 - Method A

D Values

** D10: 0.05
** D60: 0.45
** Coefficient of Uniformity: 9.06

** NON A2LA ACCREDITED
* *This report may only be reproduced in its entirety.*
* *These results represent the sample submitted only.*

**** PHYSICAL ANALYSIS REPORT ****

Freestone Club
Fairfield, TX

File Number : 91984
** Date of Analysis **
Start Date : 11/27/2024
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Lab Number 0001
Sample Description BOTTOM
ASH

Particle Size Analysis

Clay	<.002mm	%	2.80
Silt	.002mm - .05mm	%	11.10
Sand	.05mm - 2.00mm	%	64.7
Gravel	> 2.0mm	%	21.4

Org Mat 360 deg C (LOI) 4.00

Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	21.4
18 - 1.0	Very Coarse Sand	7.8
35 - .500	Coarse Sand	8.7
60 - .250	Medium Sand	11.2
100 - .150	Fine Sand	15.6
140 - .106	Very Fine Sand	9.7
270 - .053	Very Fine Sand	11.7